Record Group 104. Entry 28.

Assays of Ores, Jewelry, Plate &c. January 1883. No. V.

Digitized September 12, 2023, Philadelphia, Pennsylvania.
Box 1, Book 2, for 1883.

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RG 104 RECORDS OF THE BUREAU OF THE MINT

Records of the U.S. Mint at Philadelphia
Operating Records
Records of the Assays

ASSAY WORKBOOKS, 1795-1905

Box 1 NC-152 Entry 28

Assays of
Ores, Jewelry, Plate &c.
January 1883.
No. V.

3.95 25 U. S

January 8th 1883

Sample of Lead bullion
Phila M & S. Co. — No 13.

Lead 15-46 Oz Ag & 2 36 Oz Au } per ton
Dros 9 " " .01 " " }

#2 Reed

Jan 9—

Sample of Gold H. Muhrs Son

Fine 607

#1 Reed

Jan 13 — Sample Gold Watch Case
H. Muhrs Sons.
Fine 306½ 7 11/32
#1 Reed

Jan 16 — H. Muhrs Son
-Gold Sample
5414 13 2/32

#1R.

Jan. 17– Otto Taubeneck Mills.
A Sample of Ore from Marshall Co
Free from Gold & Silver
S. C. on 4
#3 Recd

Jan 19– H. Muhs Sons
Sample of Gold. –

Fine 533 = 12 25/32 Kar
#1 Recd

Finley
#3 Recd Last Year

Phila M. & S. Co. Jan 24

8–	147 Ag.	.25 Au.	19 Ag.	.03 Au	per Ton
9	143 "	.25 "	18 "	.03 "	
14	160 "	.20 "	9 "	.01	
	Lead		Drops		

Jan 27 –
N. Muhrs Sons. – Gold. –

Fine 553 13 9/32
#1 R

Jan 31 – Gold

N. Muhrs Sons
Red #1. – Fine 542

Feb 1 – Gold ring
S. Zweighaft

Fine 399 – 9 18/32 Kar
#1 R.

Feb 2 –
J. R. Reed. Silver button

Fine 866
#1. – Gold trace

Feb 9 – N. Muhrs Sons. –
Sample of Gold.
Fine 537½ 12 28/32 Kar

Recd #100

Feb. 17— C. A. Bell
Cochranton Pa.

Sample of Rock

$3 R Free from Gold & Silver

Feb 17 From S. E. Swink
Pennsville Pa.
Sample of Rock

$3 R. Free from Gold & Silver

Feb. 19— From D. F. Conover & Co
Gold watch case - marked
D. 3563

Fine 378½ 9 2/32 Kar
$1 Recd

Feb 20 J. N. Kerns
Ore ~~E~~ San Jose Mine Arizona
211 Oz Ag. trace Au
$3R

Feb. 23. From E. C. Monk
Sample of Ore-
Silver leaf. Chalk Creek Dist
Colo

1 Oz. Silver per ton Gold trace

$3 Reed

Feb 27 J. H. Davis & Co.
Silver Sample — 927
$1 Reed.

March 2 — From D. F. Reed
Columbus O.
A Silver Spoon

Fine 852

$1

Mar 6 Hagstoz & Thorpe.
Silver Sample — 905. trace G.

$1 Red.

Assay Sample of Ore from
Kokomo - Summit Co. Colo.
for O. B. Crum - W. M Reis

Silver 17 Oz. Gold 1/10 Oz
Lead 68 per cent

$3 Rec'd

W. Muhrs Sons.
3 Watch Cases.

8 Size 605. $3.90
" 16 " 555½ $6.95
18 " 574 $7.81
$3 R.

W. Muhrs Son
Mark sample of Gold
17
Fine 524 or 12 18/32

$1 Rec'd.

M. 16 Three Samples of Case. (Gold) for Otto Young & Co. Chicago

1	70708	500	12
2	75274	525	12 19/32
3	75690	5821	141

#3 Recd.

March 16- Silver Bar from J. N. Davis & Co

Fine 836 1/2

#1 Recd. (#3 3 bars)

A. Muhr's Sons.

March 17 Gold Sample

Fine 411 1/2

#1 Recd

March 27- L. A. Schorr Phila.

Ring 707- 16

" 719

#2 R.

17 Oz. Gold "
68 per ce

75-274
5-690

W. F. Burr
292 Oz. Au per Ton
96 " Silver " "

Son
res.

March 27 —

H. Mahr's Sons. Sample Gold

Fine 522 in 12 16/32

$1 ad

3/30 Hagstoz & Thorpe - Three samples segments of watchcases (Silver). marked - "Keystone" — 906 fine.
"Dueber" 898½ "
"Newport" 899½ "

$3.—

Apl 4 Muhrs Sons. Gold Sample

Fine 412 - 9 28/32 K.

$1

April 10- H. Muhrs

Watch Ring - Value $0.232

" " 0.847

Sample Gold 5 13½ or 12 10/32

Gold Ring 2 7 5½ 6 19/32

$3 R.

Apl 10. Geo. Ludlow - A Sample of Ore.

Silver 76. Oz. pr Ton Gold trace

$3 Rec'd.

Jas. R. Reed & Co. Pittsburg
Silver
Fine 961 –
trace Au.
$1 R

Ap. 14 L. Black & Co. 77 Woodward Av.
Detroit
a sample of Spectacle.
Fine. – 504
$1

Ap. 17 H. Muhr's Son
R. orig fine 269 6 14/32
Sample Gold – 525
23 Gold Sample 510
$3 R

April 24

W. Mutos Sons

Fine 4178½

Sample
558½

#1

April 27th

From Geo. Burson
Sand Point Kootenai Co
Idaho,
A Sample of Ore
A Trace of Silver

#3.—

May 1 H. Mabie's Sons

Fine 536½.

$1

May 3 C. Harrington — Lake George

Sample of Rock

Free from Gold & Silver

$3 Rec'd

May 3 W. F. V^n^ Arman
Havana N. Y.

Sample of Rock
Free from Gold & Silver

$3 R.

May 5 H. Muhrs Sons
Rec'd $1.— Sample of Gold
538

May 10- L. D. Weaver
Rushford Allegany Co N.Y.
Sample of Fossil. Limestone
Free from Gold & Silver

#3 R.

May 11- H. Muhrs Sons
Sample of Gold -
1 Fine 566
2 " 537-

#2

May 21 - H. Mahrs Sons.

Sample of Gold

Fine 512 - 514

$1

May 21 - H. G. Sickel - Two Samples.
Jaquesville Mining Co. Va.

1 - Ore Sulphuret. Free
2 - Concen. - 3/10 Oz Gold.

May 21 - J. A. Ludington
Bangs Va.

Sample of Rock

Free from Gold & Silver

$3 R

5/23. Two Samples from
Juergens and Anderson.
125 State St. Chicago.

Larger 651½
Smaller 723½

Muhr's Son May 24
Sample of Gold

531½

Rec'd 5/31 #1.—

Two Samples of Gold
Juergens & Anderson

No. 1 Larger. 651½

" 2 Smaller 723½

#2 Red

May 29- Hagstoz & Thorpe
Gold Watch Case No 512-899 Dueber
1.90 Oz. Fine 551½ Value $21.66
Gold Chain .018
1.14 Oz. Fine .018 Value .42c
Silver W. Case

Fine 901½

$3R

May 29th
Mutor - Samples of Gold

No. 1 - 551

(Reptd.) No 2 555.9 = 555½

$1R

May 29- George N. Bell Co
Sample of rock. —
Big Bend Calhoun Co.
W. Va.

Free from Gold & Silver

$3 R

May 31.

Mulvis Sons Gold Sample.
492½

Ret. 1. —

June 1 —
Mulvis Sons Gold Sample
Fine 492½
$1 Recd.

June 1 —
Hagstoz & Thorpe.

Watch Case (73284) Filled
2.89 Oz. (with Springs)
2.61 " after melting Springs remov

Fine 130 = 3 1/8 Kar
Value $7.01

$1 Recd.

June 5 Muter's Sons

Fine 527—

#1 Reed.

June 5— H. P. Roche

332 Walnut St. Phil.

Sample of ore.

Free from Gold & Silver.

#3. Reed

June 5. Hagstoz & Thorpe

Filled Case— No. 114109.

2.95 2.71 after melting

fine 138½ 3 5/16 Kts

#7.75

#1 R

Hagertz & Thorpe —

Pc. of Watch Case. —
No. 73118

Fine. of inside 614
Outside 572
Rim 572

#1 Recd

June 6 - Pfaelzer Bros & Co. Phila
Gold Rings

No 1 — 563.5
#2 Recd. 2 — 746

June 8 - H Muhrs Sons.
Sample of Gold

Fine 554 1/2

#1 Recd

June 9 – H. Mahrs & Son

Sample of Gold

Fine 498

#1 Rec'd

June 12 B. F. Himes

Ore. – 3½ Ozs Silver

( )

June 14 – H. Mahrs Sons.

Gold Samples 1 – 563

2 – 445½

#2 R.

June 18– Sample Gold. H. Muhr's Sons
Fine 620
$1 Reed

Jun 19 H Muhrs Sons.
Gold Sample
582 1/2
$1 Reed.

H Muhrs Sons. June 21
521/2
#1. Reed June 25

H. Muhrs Sons June 25
Gold Sample 560½
Rec'd $1.–

June 26 — From Otto Young — Chicago.
Gold. Ring
Fine 532½
#1 Recd.

June 26 — From Otto Young & Co
5 Samples of Gold Chain

No 1 —	555½	13 16/32
2 —	554	13 9
3	387	9 — 9
4	375½	9 — 1/32
5	560	13 11/32

#1 Recd + #41 R

June 26 — W. A. Marallus
Ridgebury Bradford Co. Pa.
9 Oz Silver
24½ per Ct lead
#5 Recd

June 26 — From James N. Kerns
Two Samples of Ore. —
Arizona Southern Mining & Milling Co.

Sample A 3725 Oz Ag per Ton
" B. 9987 " " "
#6 R.

June 29 — S. E. Barrett
Weston W. Va.
Sample of Ore.

6 Oz. Ag
½ " Au

#3

June 30 — H. Mahrs Sons.
Gold Samples

No 1 — 468
2 399
3 362½
4 380

#4. Red

Sum of Items for 2nd Quarter of 1883 = $92.

July 2. H. Muhrs Sons
Gold Sample

Fine 414

#1 Red.

July 6- Otto Young & Co.
149. State St. Chicago

2 Gold Rings

No. 1-	627.3	15 [illegible]
2	488.	11 23/31

#2 R

July 9. C & A. Pequignot
Sample of Gold.

Fine 539 = 12 15/16 Kar

#1 R

July 10 Mabris Sons

Fine 592½

Reis. #1. — July 11.

July 12 — John Wanamaker

Gold Chain

Fine 233

#1R

Jy 12 H. Mabris Sons

Gold Sample

Fine 563 —

#1R

18 H. Mabris Sons

Gold Sample

#1 Fine 507

July 19 M. J. Goldsmith

Watch Case filled
2.18 Oz.
Fine 124 — 2 31/32 # 5.58

#1 Rec'd

July 20 - W. Mukes Sons
Sample Gold

Fine 504 1/2
#1 - Rec'd. (Chemist Report July 31st).

July 23 W. Mukes Sons
Gold Sample

Fine 711 1/2 Silver 214

Bar contains 17.058 gold
" " 5.130 Silver

~~#2~~ #1 Rec'd.

July 25. H. Muhrs Sons
Sample of Gold

Fine G 665½ S 238

12.977 Oz Gold
4.641 " Silver

#1 Reds

July 25.
Van Etten & Co
Little Rock Ark. —
Two Samples of Ore.
No 1. Silver 3 ~~ozs~~
No 2. Silver 19 ~~ozs~~
(Not enough to duplicate).
Reid #6 —

July 26 H. Muhrs Sons.
Gold Sample 567 fine
Reid #1. —

July 28 - Simmons Bros & Co.
Assay of Silver sample for gold.
Contains Gold, 33
$1

July 30. A. Mullis Sons (Factory)

Gold 7405 – Silver 57.

In 21½ ozs 16.028 ozs Au.

" " 1.061 " Ag.

July 30 A. Mullis Sons (Store)

Gold 5355

#1. Reid (20.2)

July 31 A. Mullis Sons (Store)

Gold. 5765

#1. Reid (20.3)

Aug 1. Simons Bros & Co. Gold

1 532

2 382

#2 – Reid

Aug 2 A. Mullis Sons Factory

Gold 7495 – Silver 1935

In 12,132 dust 9.50 ozs Au

#1. R " " 2.45+ Ag

Aug 2 Three Rings from W. B. Clapp, Bro & Co
Chicago.

No	223	469
	316	399½
	364	368

Assay of Ore for Godfrey Stolt
(Colorado) Statistic or Little Sacramento Mining
claim, Lake Co. Colorado.
Contains no precious metals.
Reid #3.—

Aug 3 Nuclor. (Factory)
Gold - 672.5
Silver 185.5

In 19 ~~hrs~~ 12.777 Au
" 3.52 Ag

#1.—Rec'd

Aug 4 Nuclor - (Chestnut St.)

Sample Gold 532

#1.—Rec'd

Aug 4. Mailer (5th St.)

Gold - 716½
Silver - 209½

In 24 ~~oz~~ 15¾ dwt. Ctns is
Gold 17.76 ~~ozs~~. Silver 5.19

$1. - Received

Aug 4. Van Etten & Co. Little Rock. Ark
Specimen of Quartz Rock -

Silver 24 ~~ozs~~ per ton.

$3. Received

Aug 7 Mailer. B. I. (618 Chestnut St)

Gold 537 Silver 113

$1.

Aug 7 Mailer. A. I. (226. S. 5th St)

Gold 660½ - Silver 181

In 21½ ozs ctns is 14.20 Au. 3.89 Ag.

Aug 9— H. Muhr A 2—

Fine 658½

#1 R

Aug 11— H. Muhr's Sons.

B 2—

Gold— 567 Silver 113

#1. Rec'd

Aug 11. Muhr's Sons

#1.— A. 3 =

Amt. of Gold and Silver in 220 & 15 dwts

Fine G. 764½ S. ~~123~~ - 173

G. 17.39 S. ~~2.79~~ 3.93

Aug 15— H Muhr's Sons.

B3 Gold 560 S 112

#1

A^4 Mulvr –

Gold 794 – S. 156

$\not{\$}$ 1

Aug 18 – N. Mulvrs. Sons

$\not{\$}$ 1 R B^4 – Gold 326 S 86

$\not{\$}$ 1 R. B^5 – " 420 S 166

Aug 18 – N. Mulvrs Sons

A^5 – Gold – 747½ S. 175

in 29 Oz. 5 dwt.

= 21.86 G. – 5.11 S

Aug 22— Van Etten & Co
Little Rock Ark
17 Oz Silver per ton.
$3 Recd.

Aug 21— H. Mahrs Sons
A.— 6—
Gold 645 S—165
12.90 3.30
$1. Recd

Aug 22— H. Mahrs Sons
1 Rus. B. 6— Gold 628½ S—93

B 7— Gold 526½ S 73
$1 Recd.

Aug 25 H Mukris Sons

A 7 G. 780 1/2 203/4 6g G 24.00
S 164 S. 04

#1 R.

Aug 27 H Mukris Sons

B 8 552 1/2

#1 R

Aug 29 H. Mukris Sons

A 8 G 570 1/2 S 179

#1 Rec'd.

Aug 30 H. Mukris Sons

B 9 G. 574
S 100

Sep 3 H. Mukris Sons.

A 9 G. 785 1/2
S 170

#1 R

H. Mubris Son

A 10- G 653
S 173

#1 R.

Sep 6 H. Mubris Sons.
A 11 G 639½
S 184

#1

Sep. 8- H. Mubris Sons
B 10- G. 567.

#1 R

Sep. 10- H. Mubris Sons.

A. 12- 777½

#1 Red

Sep 13- B Mubris Sons
B 11- G 598½ S 111

#1-

Sep. 15— H. Muhrs Sons
A 13 - G620 S - 158

#1 Reed

Sep. 15 - H. Muhrs Sons
A. 14.
#1. R.

Sep - 19 - H. Muhrs Sons

B - 12 - G 509 - S 101
#1 R

Sep 21 - H. Muhrs Son
A 15 - G 615 S 219

#1 R

Sep 21 H. Muhrs Sons
#1. - R. B13. G 569 S 115

Sep 22 Muhrs Sons
#1. R. A. 16 - S. 175. S167

Sep. 25 – Muhrs Son
B. 14 –
Gold. 592 S 126

#1 R

Sep. 26 – P. Brenneman
Pottsville Pa.

Ore. Colo.
Si 86
C 7/10

#3 Red

Sept. 27th Theo. Kearney
133 & 135 State St. Chicago.
Two Gold Rings – marked
M 429.2
K 359.

#2 Red.

Sep 28 N. Muhrs Sons

G. 555 S 125

Sep 29

A. 17- H. Muhrs Sons

Gold 739 1/2

$1 R

~~$92 Sum of items for 3rd Quarter~~

Oct 2

N. Muhrs Sons

B 16— 5 12 1/2

$1 R.

Oct 3- N. Muhrs Sons

A 18- G642 S 199

$1

Oct 3. N. Muhrs Sons

B- 17- G 573 S 107

$1

Oct 4 N. Muhrs Sons

B 18- G 590 S 120

$1 R

Oct 4 N. Mubris Sons
N. 19- G 572 S 278

1 $ R

Oct. 8. Mubris Sons,
B. 19. 573 — 125

$1. Rec)

Oct 9th
A- 21 N. Mubris Son

G. 694 S 174

$1

A 20
N. Mubris Son
Oct. g 694½ S 180

$1

A 22 H. Mubris
G 720½ S 178

$1

Oct. 12th 1883

C. M. Snyder - Henrietta Pa

Sample of Ore -

Free from Gold & Silver

#3 Red

Oct 12 W. Mathis

A 23 - G 66 1/2 S 171

#1 - Red

12

B 22 G "561 S 121

#1 - Red

Oct 15 - W. Mathis Son

A 24 - G 775 1/2 S 172

#1 R

15 B. 23 -

G 570 1/2 S 121

#1 R

Oct 13- Van Etten & Co
Little Rock Ark
Samples of Ore.

2 -	1/10 Oz.	Silver	
3 -	trace	"	
E	1/10	"	"
5	20	"	" Gold 1/10
6	22 1/2	"	" Gold
7	13	"	" "
8	53	"	" "
9	14		"
10	43	"	" "
A	Trace	"	

$30 R
No 11 - 1/2 g Silver per ton.

Oct 17- J. R. Lowery
No 1 - 1/2 Oz Gold per ton
2 - 15/100 g " "
$3

Oct 17 W. Mahrs Son
g 561 S 131

Oct 20 - S. V. Niles Washington D.C

Ore. —
Gold 3½ Oz. per Con
Silver 20 "

~~$3~~ R.

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20 H. Muhr
A - 25 - G 280½

$1

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22 H. Muhr
A 26 764 S 174

B 26 - G 581 S 121

$2 R

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24 - Mermod & Jaccard Jewelry Co.
St Louis

Coffee Spoon fine 924

$1 R

Oct 24 H. Mulvis Sons
B 27 Gold 570 S 122

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25 H. Mulvis Son
A-27 G 696 S 222
$1.—

26- H Mulvis Sons
B 28 Gold 614½ S 103
$1 R

29- A- 28
G 778 S 172
$1 R

Dr. Roof Harrisburg Pa

Sample of Ore
Free from Gold & Silver

$3.—

Oct. 30 H. Muhrs Sons

B29 Gold 550 Silver 119

Nov 1 - H. Muhrs Sons
A 29- 618 192
$1

B 30 632 240
$1

Nov 2 H. Muhrs Sons.
A-30 G 665½ S 189
$1 R

Na 5 H Muhrs Sons
B 31 - G 563½ S 114

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5 H. Muhrs Sn
A 31 G 780 S 172

A 32
G 668 S 188
$2 R

Nov 10- Sample of Ore for
Simon Bennett.

Silver Link Uray Co. Colo.

Silver 20 Oz pr ton G. 1 Z

3.

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10 N. Mulvi's Sons
A. 33-
G 693½ S 187

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11 H. Mulvi's Son
A. 34-
G. 771½ S 165

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16 C. M. Bailey, Cambridge City Ind
$1 Gold Ring. Fine 481½

---

16 H. Mulvi's Son
B 34- G 589 S 114

Nov 17- One from

J. S. K. Hand & Son

S- 135

Q 27

$3R

19- W. Mutrie Sons

a.35 G.- 776 S. 184

$1.R.

20- Harrington & Co.
Columbus O.

Gold Spec Fine 369

$1R

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21 H. Mutrie

B 35 J 514 S 162

$1

Giles Bros. —

Knife 17.8. 14.4 - S/pm 16

$4 " 34.2

No 21 — John Levin

Gold Ring

Fine 581 1/2

$1 R

---

21 — Robt. Young
Summitville R. Rio Grande Co
Colo

Contains a trace of Silver

$3 Reed

N. Mule
B-36 G S

$1 R

No 23. — F. Furness.
4 Samples ore
No 1 1/4 Oz Gold
2, 3, 4 free from Gold

$12.—

Mar. 23 - From, John E. Barlow
Sierra Blanca Texas.

Sample of Ore.
2 Oz Silver Trace of Gold

$3 R.

Mar 26 - N. Mutrie Son
B. 37 G 557½ S 122

$1

A 36 G 766 167

$1

Dec 1 -
N. Mutrie Son
A. 37 G 638½ S 175

$1

Dec. 3

A. 38 G 781 176

B 39 G 724½ 154

$2 R

Dec 6 Mulvr

B 40. 565 lbs. 117 Ag

#1. R

Dec. 7 – O. M. Hughson
Oneonta N.Y.

Sample of Ore. —
Free from Gold & S.

#3. – Reed.

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7. – Gen. W. F. Raynolds
Phila

Sample of Ore

Silver 199 Oz. Gold trace

#3 R

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8 – B. – 41 H. Muhr's Sons

G – 618 S 128

#1

Dec 10 - B. C. Lauth
Girard House Phila

No. 1 - Nigger Chuck 1 1/4 Oz Gold per ton
" 2 Fork 22 mile 1. 1/10 " " "
" 3 " 11 mile 7/10 " " "

Crushed Ore

$9 R

Dec 11 B. 42 - N. Muhr

G 5 44 1/2 S 115

$1

Dec 13 Muhrs Sons B 43

G 627 1/2 S 122

$1

Dec 12. Louis Duenweg Terra Haute

Three Samples of Rock
1 Free from Gold & Silv
2 A trace of Silver
3 Free from Gold & Silver

$9.— Reported.

Dec. 14 Wm Woodyard
Spencer W. Va.

Sample of Ore
Free from Gold & Silver

$3 Recd Reported

Dec 17 — H. Muhr's Sons

A-	410	G	775½	S 182
"	411	G	805	92
B-	414		627	119

$3 Recd.

Dec. 19th From
J. B. M. Genin Duluth.

Sample of Ore. —

A trace of Silver

$3 R.

Dec 22 — N. Mukris Sr

B. 45 — G 870½ S 57

$1

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22 — B. C. Lauth
Sample of Ore

Surface Pink Lode N. C

Gold — 1.6 Oz.

$3. R

Decr. 26- From W. F. Rayolds
Phila.
Two Samples of Ore from
Grant Co. N. Mex

No. 1- Larger) 418 Oz. Silver pr Ton
No 2 Smaller) 670 " " " "
$6 Reed

D. 27 N. Muhr's Sons
A- 412
G 684½ S 195
A 413 G 662 S 176
$2

28- N. Muhr's Sons
B. 46
G 498 S 212
$1.-

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30 - John Greenwood
Goshen N.C.

Sample of Ore.
Free from Gold & Sil.
$3 R

30 - E. J. Niles
Yellow Sulphur
Tenn.

Sample of Ore.

Free from Gold & Silver.

$3.-

1884
Jan Geo W. Miller

No 1 - A - trace of Silver

2 - Free

3 A trace of Silv

$9 Reed.

Jan 2 J. Serwis
Penna

$3 Free from Gold & Silver

Jan - 6 1884

C. N. Thorpe

Silver Watch Cases

Blauer	86468 -	928
Fahys	7790	898
Dueber	653807	902½

Rec'd #3. -

Jan 7. C. & A. Pequignot.

Gold Sample

Fine 519

$1 -

---

8. N. Mehrs Sons

A. 414. G 697 S 147

$1

Jan 10. Gen W. Raynolds

13.590 Oz Silver per Ln

$3

Jan 11 Sample of Gold.
Simons Bros & Co.
Fine 588.
$1

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11 Sample of Ore from
W. S. Nelson.
Sample from Tennessee
Free
$3 Recd.

---

12 N. Mules Son
B-217-
G 632 S 148
" $1 A 45
G 693 S 269

16 Ore from Thos. Brydges.
Gold 1½ Oz per ton
$3 recd.

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19 S. S. White Dent. Mfg. Co.
Gold marked S & H.
S 750
H 740
2. —

---

19 Muhrs
A.46.— 772 au.— 186 ag.
#1. Red

---

21 Muhrs
B.48. 498— 98 ag.
#1. Red

---

21 Simmons Bros Co.
573
#1. Red

Jan 23 N. Mubris Sons

B 49 - 336 - 142

Mubris Sons

A. 47 727 - 202

Jan 29. Woolston Broum Phila.
Ore. —

A trace of Gold

#3 Reed. 1/25 oz pr ton

Mubris Sons Jan 29

B 50 496 Amer 98 Ag.

Jan 29 - N. Mubris Sons

A. 47 - G. - 729½

Jan 29
N. Mulvis Son
$1 R. B. 51, g. 764 S 108

Jan 30-
Sample of Ore from
E.C. Sperry Avon Doddridge Co
W. Va.

Sample is free from Gold & Silv

$3

Jan 31- Charles Roth
Bar
g 735 S 172
$1

Jan 31 N. Mulvis Sons
g 542 S 108
$1

Jan 31- N. Mulvis Son
C 418
g- 691 S 205
$1

Feb 6 H. Mahrs Son
B.- 53

G.- 412 S 200

$1

B 54 G 578 124

$1

Feb 6 F. B. Smith
Querida Colo

1/25 Oz Gold per ton

$3.-

Feb 6 B- 56 Mahrs

B- S

$1 B. 56 G 605 S 93

$1

Feb 9 H. Mubrs Son
B 57 G 769½ S 100

9- Pforzheimer Keller & Co
Gold Ring Fine 732½
#1 R

---

11 H. Mubr - A. 49
#1 Rec'd G.- 754½ S 188

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12 H. Mubrs
A - 50
Gold 333½

15 H. Mubrs
A 51 333½

16 A 52 G 788½

Feb. 20 H. Mubris Son.

B- 578 G 519 S VV1

$1.-

Feb. 25- H Mubris Son

B-59 598 S 120

B 60 601½ 122

Paid #2.

A- 53 753 S 209

$1 R

Feb. 28- H Mubris Son

B-61 G 606 S 136

$1 R

Feb. 29 H. Mubris Son,

A- 54 G 690½ S 208

$1

March 3
H. Mubis Son
A-55 G 771 S 183

J. A. Kyle Chatlanooga Tenn

3/4 Oz Silver 1/2 Oz Gold

$3 R

H Mubis Sons

B62 G 387 1/2 S 214
63 509 131

$2 R

C. R. Smith Phila
Ring No 1 Gold 575 1/2
" " 2 " 731

$2 R

The Mint of the United States

AT

PHILADELPHIA, PENN.,

Assay Department, Dec 31, 1884

Received from the Assayer of the Mint Eighty two dollars in full, being the sum of the items for the fourth Quarter of 1884.

$82.00

H. C. Hickok
Cashier

H. Muhrs Sons

B. 64 — G 537½ S 112

65 582 118

66 714½ 99

2 Reed

J. B. Carpenter

Gold Grains — melted.

Fine 809½

$1

H Muhrs

B 67 G 568 S 118

$1 Reed

H. Muhrs Sons

A 56 G 773 S 165

57 G 665½ S 165

March 17: H. Thomas.

Gold 544½

March 19 H Mahrs Sons
B 68 2 G. 546 S 108

#1

March 22 H. Mahrs Sons
B 69 620½ S 129

70 791½ S 120

#2

Mch. 24 H Mahrs

B 71 560 96

Jd #1

March 25 McCarty & Hurlburt
Watch Case No. 12795

Fine ~~528½~~ 557 or 13 12/32

March 25 H. Mahrs Sons
W. Case No. 13424
528½ or 12 21/32 Kar

Fine 528½ ~~or 13 12/32~~

#1 Reed

Atkinson Bros. —

N. Mubis Sons

Case (Boss) filled No. 58067

No. 1 — 188 grains Gold

Case (Crown) filled No 21440

#2 — No. 2 — 167 grains

March 27. Thos. Mc Adam

Sunbury

A trace of Silver

#3 R

---

27 — D. Giugling Huntingdon

Ind. —

Gold a trace

#3

Watch Case

Bernard Krevy

558 13 3/8 Kar

#1

Watch Case Eugene Noegele

No. 13724

#1 514 fine

Mch. 26 Sample of Ore from
Dr. L. H. Delhange
Marked Army & Navy Mine
Ouray Colo.
S — 864 Oz.
G 15/10 "
#3

W. Mabrs Sam
B 72 G 575 S 125
#1 —

---

28 J. C. Holmes
Williamsburg Colo.
A trace of Gold less than 1/25 Oz
#3 R.

~~Sample of Ore from~~
~~Geo. Eyster.~~
Contains a trace of Silver

Watch Case Mc Carty & Thurlburt
No. 13457
569½ 13 21/32 Kar

H. Muhrs Sons
B. 73- 451½ S 178
#1 R

a-58 779. S 178
#1 R

W. C. Dunlap
Apple Grove Meigs Co Ohio

Sample No. 1- Contains ½ Oz Silv
" 2 " Trace "

#6.-

April 1 W. Mulvi's Sons

B. 74 G 468 S 126
75 512 104

1/2

" 2 Sample of Ore
Stephen R. Harris

2 Oz Silver per ton
trace of Gold

---

2 W. C. Eyster Duluth

trace of Silver
1/4 Oz

---

3 W. Mulvi Son
B 76
G 641½ S 112

Apl 4 Eugene Voegele

Watch Case
Fine 530 ½

$1. R

---

5 Thos. Monohan
Williamsburg Colo.

Contains Gold 1/20 Oz

$3

Apl 7- B. Levy.

Case - Gold
Fine 540

$1

" 7 H. Mabis Son

B
B

$2

W. Mutrs Sons

Ap. 17 A – 61 – G 645 S 20 s –

#1

B – 80 G 586 112

" 81 661½ 110

#2

---

18 W. Mutrs Sons 132

B. 82 771½ S ~~180~~

Simon Berry Stroudsburg

A trace of Silver

2

---

19 S. Baker Phila

Nevada

58 Ozs. Silver

3 " Gold

#3

A. 23 H. Muhr's Sons

B 83 - 609½ 114

---

23 Chicago W. Case Mfg Co.

Gold. — 482½

$1

---

24 H. Muhr

B 84

727 205

$1

Geo. T. Brandon Colo

Ore.

Silver a trace (2 g)

$3

J. T. Sandman
Watch Case

Fine 563

Rec'd 1.

N. Muhrs Sons
B. 85
G 599½ $120

#1

---

24 T. L. Barnes Ellenboro W. Va
Sample of Ore

A trace of Silver 5/0

#3

---

28 N. Muhrs Son
A. 63 G 771½ $185
B 86 G 799 $117

Rec'd 2

A. 30 V. Mutis Sons
A-63 G 696½ S 204

$1.

387 G 795½ S 114
88 630 116

$2

30- V. H. Beck
Breckenridge Texas

Sample of rock
Free from Silver

$3R

J. Rosendale
Watch Rim Gold
Fine 522

$1

---

6 H. Muhrs Sons

A. 65 G 777 S 184

B 89 614½ 101

---

6 H. Muhrs Sons.

Watch Case filled
Fine 137

---

9 H. Muhrs Sons

B. 90 G 665 S 113

#7

H. Muhrs Sons

B 91 G 762 S 122

May 12

Gold Ring for G. W. Marquardt
"Ring onto Hose Clive"
719 fine
Paid #1.

Mulvis May 14th
B92- 729-164
B93- 679½ 120

#2.

Chicago Watch Case Co.

Case No. I. 5178- 388½
" " 2 A499- 405½

Mulvis Sons
A67-728½- 202
#1

17th Mulvis Sons
a-68 G 775 S 181
69 301

B- 94 G 789½ S 130

95 2171 155

H. Mulvis Son

Gold Nugget 966½

#1

---

20 Gold Ring C. Oskamp

Fine 635

#1

---

20 J. W. Bonsack

Galena

Silver 3 Oz. p/ton

1/2 " Gold

#3

May 23 – H. Mahrs Sons
B 96 –
G 562 S 116

26 B. 97 " "
G – 737 S 117

10¢
28 – H. Mahrs Sons
B. 98
G 585 – S 107

$1

H. Mahrs
A – 71
G. 683½ S 197

31 Morgan & Headley
Gold
Spec. Frame 7 Fine 334
" & Solder 32 41

$1

31 Blair Watch Case Co.
Gold
Sample 1- 907½
2 994½

#2

31- Two Samples of "Gold-lace"
U.S.
No. 1 G 20 S 901
No 2 G 21.3 S 891

---

31 - Sample of Ore from
A. H. Wigdahl,
Duluth Min.
Contains 1/10 Oz Gold pr Ton
" trace of Silver

#3

June 3 - From Geo W. Potts

Ores from Oregon.

No. 1 - Free from Gold

2 A trace

$6.-

June 4 - Otto Young. Chicago.

Gold Ring

Fine 554

$1.R

June 4 -

James R. Grogan

Logan Ohio

Two Samples of Ore

1 Trace of Silver } Er. G.

2 " " }

June 4 N. Mukes Son

B. - 99

~~$~~ 1.—

7- H. Mukes Sons

A-72

G 604 S 146

9- H. Mukes Sons

A 73

G 737½ S 177

~~$~~ 1

B- 100

G 559 S 123

---

17 Geo. Egsler

for J. Allison Egsler

Sample of Ore

A trace of G & S

June 17 Simons Bro

Gold Sample

Fine 1146 ½

$1

---

18 H. Mabrs

B-102

G 579 S 115

$1

B- 103

G 600 ½ S 107

$1

104 G 782 S 106

$1

Jun 25 E. Taylor

Ore W. North Carolina

½ Oz Silver

true G.

$3 Recd

26. H Mahrs Sons

B- 105 G. 653 S 233

H. Mahrs

a 74 G 722½ S 221

Ore from Colorado
for G. J. R. Miller
Wolverine Mine Gilpin Co.
Gold 90 Oz /ton
Silver 8½ " "
#3

---

28 H Mahrs Sons

a- 75 G 575½
a 76 709½

B 106-

30 — G 631 S 128

#109 Second Quarter 1884

July 1st H. Muhr's Sons

B 107 G 333 $211

108 G 335 $ 192

3rd
B 109 G 414½ $145
B 110 G 696 102

July 11th Gold Lace from U.S. Quartermaster

G 20 S 1900 - 906 $900

R.E. Jones
Sample of Ore
Ag 2910 Oz.

3rd

10 July -
Robert Yes-tal
Knoxville Ten.

Sample of Ore
1 oz silver trace of Gold
3. -

---

12 Harwood Bros. Boston

Gold Sample
Fine 39th

$1

---

12 C. W Bailey
Rockford
&c Pennsylvania Co D.1
A trace of Silver

$1

---

14 S. B. Boyer
Sunbury Pa

Silver 2 oz per ton
3. Lead 26 per cent

18- Benj Allen & Co Chicago
W. Case

Front	528½
Back	542
Cap-	540½
Rim	535-
Melted Case	513½

Rec'd per Adams Exp. July 24-
$ 5.00

---

19 - Ore from J E. Luse
Cisco Eastland Co Texas

A trace of Silver

Not paid

---

19 W. S. Hicks New York

Sample of Gold

595½

#1 Recd.

19 H. Muhr's Son

B 111

#1 G 771½ S 154

---

21 H. Muhr's Sons

A- 77 G 780 180

#1. Red

B 112 G 795 90

---

21 B. Johnson

Aml. & Ore

A trace of Silver

#1 Red

Wm M. Larkin Co. Provdence R. I.

Sample Gold 40¢

#1. Red.

July 26 Mulvis Sons

A 78
B 113
#2 Red.

July 31 Mulvis
B. 114 675½ — 124

#1

August 1 —

Ore from W. H. King
Squaw Creek, Idaho.
Contains - Silver ½ oz per ton.
Gold 4/10 " " "

#3 - Red. (Very small sample. Worked on a ½ A.T. + not enough to duplicate. Iron oxide + pyrite)

#1 Mulvis Son

A 79 G 779½ S 175
B 115
G 809½ 114
116
#3. G 647 121

Gold Lace from Quartermaster
U.S. Arms
Gold 20.4 Silver 900

Aug 7 S. B. Boyer
Sunbury Pa

Galena 1/2 Oz Silver per Ton

#3 Reed

---

1 Muhr's Sons
B- 117 G 597 S 109

1-

---

7 Wm M. Fisher & Co.
Providence R. I.

Link Fine 370 1/2 S 25/32 K

#1

Aug 11- H Mulvis Sons
B 118 G. 525½ S 104

A 80 G 787½ S 166

11- E. Taylor & B.C. Mitchell
Samples of Ore, Tennessee
1- 21.6 Silv
2 Free
$6

H. Mulvis Sons
B 119 G
$1

A- 81- G 739 S 203
B- 120
G 493 S 229

L. Bennett

210 S 4th St Phila

Ore Ouray Co Colo

3 1 Oz Silver 1/10 Au

16

H. Mukris Sons

B 121 G 634 S 122

pd $1.00

18 Sample of Ore - for

Jas. H. Fleming

3.-

18 H. Mukris Sons

A 82	787	167
B 122	743	117
B 123	609	105

Aug 23 H. Muhrs Sons

B 124 G 599½ S 110

$1

---

23 D. C. Ferris
Sample of Ore.
Ophir Canyon

25 Oz Gold
$3 14 " Silver

---

23 Frank R. Hakes
Pitcher N. York

Sample of Ore.

$3R. Free from Au & Ag

---

25 H. Muhrs Sons
A 83 G 787½ S 174

B 125 G 589 S 113

2.

Lewis G. Mason
Elizabeth. Wirt Co W. Va

Sample of Ore

A trace of Silver

$3

John E. Cox
Hampton W. Va.

Sample of Ore

A trace of Silver

$3

Aug 26 J. A. Atwell
Montvale Tenn

Sample of Ore

$3 trace of Silver

Aug 27th. H. England
Hot Springs Ark

Sample of Ore

$3

D. R. Corbin
Rolled Plate

Fine 13

1. Si 074

---

29 Mules

126	647	117
127	733	111

$2

C. F. Morse
Excelsior Springs
Clay Co Mo.

A trace of silver

3.

Sep 2 H. Muhs Sons

A 84 - 76 1/2 196

$1

---

3 J. A. Polhamus
Hot Springs Ark.

Sample of Ore.

Free

$3

---

3 J. N. Atwell, Montvale Springs Ten.

$3 Free from G. & S

Sel 3 H. Mulvis Sons

A- 85 746

B 128 641 113

#2

Mulvis

Sept 11 B130 718 - 104

B131 577½ - 120

Recd 2#

Mulvis Sweep

#1. Reds

Gold Lace Quartermaster

1 G 20 898

2 G 19½ 900

H. Muhr's Sons
Sample of Sweep

1 lb. contains 110½ grain G S
" " 50 "

1.—

W. G. Underwood
Lake Como
" Wayne Co Pa

Ore W. Va
Trace of Silver
$3

Sept 11 Robt C. Green
Gold Ring

Recd $1— Fine 751½

Robt C. Green
Ring

Fine 741

$1.— Recd

St. 15. B- 132 G 678½
" " N. 87. 101 G 765 S 193

$1

Brown & Craig

Silver Sugar Spoon 930

1.

H. Muir's Sons
B- 133 G 642½ S 115

$1

Fielding Silver bar
S- 729
C- 1

$1

H. Mabis Sons

B- 134 627 123

S- 701½ 106

#2

Sep. 19

Patton & Cobb
Plated Chains

No. 1 15.5-

No. 2 16.7

2.

---

23 A. 88 - G 763½ S 196

B 136 659 129

#1

---

24 A. C. Blair
West Va.
A trace of silver

#3

---

24 Watts Martin West Va

#6 A trace of Silver

25 Blauer Watch Case Co.
Chicago
Gold Sample
Fine 997.6

#1

H. Muller's Son

B-137 G 594½ S 111

B 138 619½ 110

A 89 G 768

#3

Oct. J.M.

Oct 2 Muller B1460-760-112
#1.

#130. Third quarter 1884

Oct 1 J. M. Martin
Louisville Ky
Sample of Ore.

No. 39 - 1/2 Oz Gold

43 — 3 "

Oct 3 Mulvs. A 90 - 721½ - 198
B 141 - 566 - 114
#2 Rec'd.

---

6 Mulvs. - A - 91 9 769
B 142 G 606 S 104
#2

Oct 7 J. W. Morrow San Antonio Tex

1 Trace of Au & Ag
2 " " "
3 " " "

No Paid

6 9 B. 143
G 630½ S 129

$1

B 144
G 686 S 118

$1

13 A. G 777 S 177

14 B. 145 G 724½ S 119
146 699 130

$2

---

14 Simons Bros & Co

Sample 578

$1

---

20 Nuhns Sons.
A 93 — 773½ — 186 —
$1. —

W. Curtis —
A trace of gold

$3

John C. Bickel -
Care Young Smyth Field
Ore Ritchie Co. W. Va.
trace of Silver
$3

H. Mahrs Sons
B- 147 G 738½ S 116

B 148
G 645½ S 124
$1

Danl. Keller
Sample Rock
a trace of Ag
$3

24, H. Mulvis Sons

B 149 G 479 S 107

$1

150 G 824 S 112

$1

D. R. Corbin

12 Vesey St.

N. Y.

15 fine = 7.20 grs/g

$1

H. Mulvis Sons

A - 94 G 753½ S 193

B 151 G 692 139

31 H. Mahrs Sons
B 152 B 152 S 127

#1

Nov. 3 H. Mahrs Sons

A 96 754 172

#1

B 153 529½ 126

$1

Lace from Quartermaster

G 198 S 897

---

4 H. Mahrs Sons
B 154

G 575½ S 114

155 G 681 129

156 658 110

$3

No 6

H. Muhrs Sons –

a. 97 – G 782 S 169

$1

No. 7 H. Muhrs Sons

Watch Case

42149 Fine 568

$1

No 8 H. Muhrs Sons

B 157 G 634 S 122

$1

12 158 G 754½ 118

$1

13 Otto Christenson
Colorado Ore

2 Sample
traces of Gold

$6

---

17 H. Mahrs Son
A— 98
G 773 S 178

$1

---

21 G. W. La Pointe
Wilson St. Croix Co. Wis.

Sample of Ore.
$3 a trace of Silv

---

22 H. Mahrs Son
A- 98
G 773 S 178

B 161 G 813 S 82
$2 162 G 691 S 173

H. Muhrs Sons

	1539	98.4 grs
Watch Case	2552	148.5 "
	3547	183. "

#3

B-163 712 $130

#1

American Watch Case Co.

Case filled

fine Case 515 - 516

Rim 582

Amount of fine Gold in Case

L. G. Mason Elizabeth W. Va

Ore

Trace of Silver

#3

Dec 1 H. Muhs Sons

A-100 G 752 S 189

$1

B. 164

G S

$1

3 A 101 G 662½ 177

$1

B. 165 G 784 S

$1

8 A-102 G 755 S 203

$1

B 166 609½ 120

$1

9 Blauer Watch Case Co

G 4 S 888

$1

Analysis Dec 13

674 — 120

#1.

11 Chicago W. Car Co.

513 - 510

81 Grains Gold

#2

H. Mabis Sons

Sweep —

1 lb avoird of Sweep contains

106 Grains Gold fine

48 " Silver

B - 168 G 640½ S 246

$1

A 103 G 759½ S 200

$1

---

27 B 169 G 779½ S 110

$1

---

29 Chicago Watch Case Co

Fine 511
512

68 Grains Gold.

$2

C. S. Hebard

Sample of Ore

$82 for 4 Quarts 1884

B. F. DuBois

1) 1979

2) 5438 Franklin

3 2535 Crown

Dec. J. L. McLellon

Free from Gold

#3

Dec. 31 J. P. Malick

2 Samples Ore.

No 7 1½ Oz Ag G 1/10

No 9 1 3/4 " " 1/10

#6

H. Mulas Sons

B 170 – G 678 S 122

Recd #1.00

1883

Jan 2 C. S. Hebard

Sample of Ore

A trace of Gold

3.00

Joseph Mull

Camp-Creek N.C.

A trace of Gold

$3.

Blauer W.C. Case

Chicago

Fine 940

$1

Jan 3 Sample of Ore
P. Roberts.

#3 Free from Gold & Silver

Jan 5 Sample of Ore
H. F. Leopold Jr. Duluth

#3

Jan 7 H. Mahr's Sons.

A. 104 G 72 4½ 2 ozs

A. 105 70 6½ 197

#2

Jan

H. Mahrs Sons

B - 171

Sweep

#1 5414 Grains Gold
150 " Silver

Jan 7 Simons Bros & Co

#2

---

8 Chicago Watch Case Co.

7 fine 486 Rim 515
485 76 grain G.

#2

Jan 9 Simons Bros

#1 Cane head 725

Jan 9 C. N. Thorpe

Silver Samples

No 1 900 1/2

2 893 1/2

$2

---

13 Simons Bros & Co

Silver Cane Head 920 1/2

920 1/2

$1

---

14 H Muhrs Sons

A 106- 761 175-

$1

Jan

14 Howard N. Elmer

Sample of Ore —

Free from Gold & Silver

$3

---

17 B - 174 H. Muhrs Sons

G 809 S - 134

---

21 Blauer Watch Case Co

Fine 872 G 1.7

$1

---

22 H. Muhrs Sons

A 107 G 6½ S 977

B 173 - 806 142

Jan

Gold Law
Quartermaster Dept

G 19.5 S- 894

---

29 H. Muhs Son
B 174 G 774 S 130

~~Jan 30~~ H. Muhs Sons
B. 175 689 - 137
$1.—

Feb 6 W. L. Jefferis
1021 Tatnall St
Wilmington Del.
Sample of Ore

$3

Nicholas Georgen
Ashland Wisconsin
Ore

$3 Fee

Feby.

7 Mrs. R. Nickerson

Sample of Ore. —
Washington St —

Trace of Gold.

$3

P. L. Krider

9 Giles Bros & Co

Gold plate

Sample 2 579 ½

" 3 745 ½

$2

---

9 Eugene Naegele 20 N. 9th St.

Gold Chain.-

$1 472 ½

Silver Samples from
Rock Island Arsenal
D. W. Flagler

MICHAEL FARADAY.

BY W. E. D.

THE life of this great man is of itself a study. He was born in London, September, 1791, and died there, August, 1867. Let us note a few prominent points for general readers.

He began life as a very poor boy; so poor that for a time he had to draw a loaf of bread weekly from the public charity. He also served newspapers about town.

He entered the workshop of a bookbinder at the age of thirteen years; remained there eight years, and most of that time was employed in binding books. In some of those books, in the hours after work, he "found the beginning of his philosophy." One that helped him most was a book once famous in our schools—Mrs. Marcet's *Conversations on Chemistry*. He managed to hear some lectures on chemistry, and wrote out a few, which he showed to Sir Humphrey Davy. That eminent scientist was so well pleased, that he procured a place for him, at a small stipend, in the institution where he was lecturer.

Though possessed of little education, his letters, at the age of twenty, were as correct and elegant as are the productions of mature culture.

Rising rapidly in chemical and physical science, his discoveries were so brilliant and so great, as to attract the attention of such men as Herschel, Brewster, and Whewell, who expressed such praise as might have turned the head of almost any man. And strange to say, later in life, the Prime Minister of England (Lord Melbourne) humbled himself so far as to send a long letter of apology to Faraday, for a rather uncivil treatment, which the latter did not feel disposed to take, without remonstrance.

Nevertheless, his modesty was unfailing, and most remarkable. His biographer, Prof. Bence Jones, speaks of his "marvellous humility," which he considers partly natural, and partly the effect of religious sentiments.

As a philosopher, his great characteristic was the trust he put in *facts* and experiments. Yet he was given to theorizing; and his leading theory, that all the natural forces, gravity, heat, light, electricity, magnetism, even life itself, were closely related, and really emanated from *one* unknown force, led the way to all his discoveries. And yet these, as he owned, failed to prove his theory. He shrewdly said, "Our theories are only confessions of our ignorance."

His great discovery was the relation or identity of electricity and magnetism, and out of this many other discoveries issued. In all this work he attracted the admiration of all scientists, English and foreign; he was elected a member of countless learned societies, and in his latter years he declined the presidency of the Royal Society. Letters of intense praise flowed in upon him, from learned men and from princes, without producing the usual result of self-complacency.

Among the startling paradoxes which he elicited, we may allude to only one—that "the chemical action of a single grain of water upon four grains of zinc, would yield electricity equal to that of a powerful thunder-storm," which is explained by saying, that *intensity* of action takes the place of *quantity*. And from this came afterwards another strange result, strange even to those most familiar with it, that enough electricity can be generated in a thimble or a gun-cap, to send a message across the ocean. And indeed, this will do the work better than a much larger quantity.

He was the acknowledged "prince of lecturers;" clear, elegant, and sure in his illustrations. He could fix the attention of very young hearers. "For thirty-eight years, his lectures were the life of the Royal Institution."

In spite of all the scientific unbelief and speculation around him, he was a determined Christian, and active in the church to which he and his wife belonged. Nothing ever shook him in that respect. As an elder he preached alternate Sundays for over three years. Out of a pile of skeleton cards, his biographer has selected one, and printed it in full: a homily on 2 Pet. 3 : 1, 2, 14. Although a very fine reader, he was not remarkable as a preacher. In one of his letters occurs this excellent passage: "We are bound together in the faith and love which is in Christ Jesus."

He began to feel the effects of too great mental strain as early as the age of forty years, having spells of giddiness and failing memory. Yet his bodily strength abode with him, and at the age of fifty he took long walks, one day making forty-five miles in ten hours and a half. At times he would have short seasons of mental depression, but generally was cheerful, and even happy, during all his failing years. Eventually, from mere loss of memory, he had to retire from society in a great measure.

He wrote thus beautifully to the eminent Schönbein: "The wise man said there is a time for all things, and my time is to be quiet and look on, which I am able to do with great content and satisfaction."

In fine, he was remarkable for kindness to every one, and in his own family for strong affection.

It is a grateful task to record, even in few words, the devotion of such men to the "Author of all Sciences."

The Mint of the United States

AT

PHILADELPHIA, PENN.,

Assay Department, March 31st, 1885.

Received from the Assayer of the Mint One hundred and ten dollars being the sum of the items for Assay fees for the first quarter of 1885.

$110.—

Harrison Boyd
Disbursing

Feby

H. Mahrs Sons
Chain links

1	Twist	562	561.6	Repd. 562
2	Curb	553.4	562.5	562½
3	Boston	555.5	554	555½

#3

E. Naegele - Chains

1	553.2	554.5	Rep.	554½
2	561.6	561.8		561½
3	402.2	393		402
4	567.6	567		567½
5	364.8	371.5		371

#5

---

12 B - 178
G 825½ & 112

July

16 Ore - Carroll & Powell

323 - N. 3rd St.

St Louis

Trace of Ag.

$3

---

16 N. Mahrs Sons

A -

$1

---

18 Wm Wilson - Co Spoon

Fine 926

$1 —

Freby H. Muhs Sons

B-179 794½ 113

2 A. 111 334 204

23- W. D. Jones Wilkes-Barre Pa

Sample of One

Free from G & S

#3

---

23 B. F. DuBois

Case 1 1979 82. 2 grain

2 5438 Franklin 61. 5 "

3 25535 Crown 165

#3

Feby.

Stein & Ellbogen Chicago

Ring

Fine 402

$1

H. Mabis Sons

B 180- 7 14½ 155

$1

J. G. Browning M.D.
Jonesville Va

Sample of Ore

Trans of Ag.

0

F. W. Higgins Olean N. York

Sample of Ore.

$3

Feb. H. Muhrs Sons
B 184-

G. 828½ S- 119

$1

Feb 28 B. F. DuBois

Case No, 13897

83.7 Grains

$1

H. Muhrs Sons
Watch Case

Fine 1195

90 Grains

A- 113

$1

Bonard Key Case
#026

$1 R Fine 520

Mch 6 H. Muhrs Sons

B-183 475 S 207

$1 R

Mch. 7 J. Harry Knerr
Gold Watch Case
No 16705

Fine 546
$1

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10 H. Muhrs Sons

$1. R C 114- 667½ 192

March

10 P. P. Schaffer
Kunkletown Pa
Sample of Rock
A small trace of Gold
$3 Free

---

10 Muhr's Sons - B 184
755 115
$1

---

11 W. H. McKamy
Cleveland Penn
Ore Sample
$3

W. P. Dolan -
Murrayville Shoshone Co
Idaho
Lumps -
$1 Fine 784.
Sample Deposited

March

11 H Muhr's Sons
B- 185-
G 675 S 121

$1

---

12 From Joseph H Shinn
Nat. State Bank of Camden
N. J
Ore - Texas
$3 2½ Oz Silver Trace Gold

---

11 W. N McKamy Cleveland Tenn
Ore
$3

---

12 H. Muhr's Sons
B- 186- 728 124

March
13 J. S. Allen
Watch Case
(535 ~ Fine)
$1. Rec'd

---

18 J. E. S. Metzger
Lump —
Contains 148.3 Grains fine
$1

---

18 B. F. DuBois —
Lump from Watch Case
$1 Contains 151.0 Grains fine Gold

---

19 H. Mahr's Sons
B- 665½ 126
$1

March
20 Simons Bros & Co

$2

Sweep from
20 H. Mabis Sons.

1 lb avoird of Sweep contains

94 Grains Gold fine
57 " Silver

$1

---

21 R. P. Davis

W. Case-

Fine 54 7/12

$1

---

25 H. Mabis Son

B- 190
G 720 1/2 S 137

Mch. 26 Martin S. Keller

Alaculsy P.O. Geo.

Ore Sample
free from Gold & Silver

$3

Mch. 30 H. Muhs Sons —

A - 116 - G 756 S 200

$1

Mar. 30 R. S. Appel —
Hamburg Pa

G 1/20 G
S. 18 "
Lead 61 pc

$3

Mar. 30 Simon Berry

Ore
Free from G & S

$2

First quarter

$110

April 1

H. Mahrs Son
B- 191

$1

Apr. 1 H. Mahrs Sons

A- 117 711 189
118 246

$2

Apr 1 Ernest A. Wells Utopia N. Y.
Watch Case

Fine 550

$1

Ap 7 H. Muhrs Sons
B-192
G 732 126
#1

Ap 7 Blauer W. Can Co
1 752 Silver
2 883
#2

---

8 Ira C. Fuller
Sample
Free from Gold & Silver
#3

H. Muhrs Sons
B-193
#1 G 705 2 S 135

April

13 H. Muhs's Sons

B 194 748½ 137

S 787½ 138

$2

---

16 Chicago Watch Case Co.
Melted and Assayed & reduced
Filled Case.-
75.2 Grain fine Gold
$2

---

17 Simons Bros & Co.

Gold 594

$1

---

17 C. N. Thorpe & Co.

Silver - Stock 900

$1 900½

April

20 — N. Muhr's Son

A - 119 G 744 1/2 213

B 195 819 1/2 120

#2

Case filled

Contain 56.8 grs Gold

#1

Ap 22

H. Muhr's Sons —

No. 1 —

Case filled 61.5 grains G.

No. 2 Skeleton

Case filled 46.9 " "

#2

---

22 H. Muhr's Sons

B 196 G 783 S 123

#1

April

24 H. Mahrs Son
B 197
G 767 S 115

$1

---

24 H. Mahrs Son

B 198
G 722 S 132

$1

---

27 — H Mahrs Son

B-199 G 719 S 185

$1

May 4 H. Mahrs Son
A 775½ 174

$1.00

B 700½ ~~249~~ 127

B 201 841½ 109

$2.00

May 8 – H. Muhr's Son

661½ 211

$1

B-202

G 797½ 123

$1

12– H. Muhr's Sons

B-203 – 588 S 112

$1

16 B 204

607 265

$1

18 B 205 G 745 S 123

$1

a 122 772 181

$1

$4

May 19:- H. Muhrs Sons

206 757 117

Slip 606½ 267

2

Lace for R.M. Dept.

Qinch /c. weight- 17.89 grain
~~to~~ 1 yd. " 71.56 "

Fine- Gold 19.6
" Silver 884 — 885

1.40 g 1.40 grain Gold /yr yd.
63.33 S 63.33 " S. " "

Return. David H. Conover.
Gold Amalgam Detroit
3.15
Fine 964 S- 31

---

25 H. Muhrs Sons
B 207 G 814½ $130

1

May.

25 H. Muhs Sons Steel

1 lb. contains
581.42 Grain C
185.50 " S

$1

---

25 B. F. Rodger Louisville Ky

Gold Ring

711

o

---

27 H. Muhs Sons

B 208 C 805½ S 148

$1

---

27 Otto Young

Gold Wire 375½

$1

May

28 Mukis Son

A – 123 G 764½ 192

#1

---

29 Simons Bros & Co.

Silver 705

#1

Jun 1 H Mukis Son

B209 822 123

#1

#2 E. A. Irwin

Curwensville
Clearfield Co Pa

Sample of Ore

#3 — Gold 775 Oz. pr ton
S 1789 " "

June
4 H Muhrs Son

B 210 G 784½ 121

$1

J. 4. Silver Amalgam Melted.
N. Robbins
Silver 975 G 5½

$1

---

6 N. Muhrs Sons
B 211
G 746½ S 119

$ 1

---

6 B 212 G 756 S 128

$1 H. Muhrs Sons

June 15 A- 12.6 H Muhrs Sons

$1 G 775 S 171

June

June 15
H. Muhr's Sons
B 213
G 729 S 124

June 17
H. Muhr's Sons
214
G 772½ S 123

15 Sweet A. W. Spear & Son
1 lb. Contain.

G 25 S 395
7 7
1.7 S 24.6 S

18 Lace from Quartermaster U.S.A
1 Yard of Lace
Quick = 21.86 x 18.80 grs.
87.44 Fine. G 21 FG 19.2
75.20 S. 893 S 900
No1. 1.83 G.G. G 1.43 } Lyd.
17.08 " S. S. 67.68

June 19

J. P. Malick Stevens Point Wis
10 ~ 11
Trace of Au & Ag
Bac. free Jun 705

$6

Jun 20
H. Muhs Sons
B 215
G 806½ S 124

$1

22
Silver sample from
Towle Mfg. Co.
Newburyport
7 fine 923 ~

$1

24 - Sweep - H. Mubris Son

1 lb. and. of Sweep
Contains 132.09 Grs. Gold
" 66.18 " Silv.

Polishing Sweep -

1 lb. and Contains
259.77 Grs Gold
$2 75.18 " Silver

---

25 H. Mubris Sons
B - 216
G 814 S 104

$1

---

27 H. Mubris Son
B 217
G 734½ S 126

$1. -

27- John Seitz Hayville Ind.

Sample of Ore.-
Iron Pyrites - a trace

$3

$70.- Seventy Dollars the sum of the items for the 2nd Quarter 1885. —

Gold Lace from Quartermaster
U.S Army 9 in = 17.5 = 70
" 18.2 72.8

1 Yd = 1.40 grs. Gold
62.23 " S.

1 Yd 1.45 " G.
" 64.79 " S.

July 2

H. Mubris Sons
A - 126. G 765 S 174
#1

A 127 G 723½ S 226

B 218 G 726 S 147
#1

H. Mubris Sons
Grains - Gold 885 S 82

587½	194	11.52	
483½	200	9.84	
93	757	492	—
415	257	8.57	— 137
976	23	20.17	— 342
987	—	20.38	
130½	756	2.68	— 181
304½	385	6.28	— 214
663½	250	13.70	1423

	S.	C	
100.00	890	1	=
"	—	1½	C

1170
15
5850
1170
17550

July 2 J. G. W. Herold
Roaring Creek
Sample of Ore Columbia Co. Pa
#3 Free from Gold & Silver

---

2 Isaac N. Lane
Lionsville Ind.
Sample of Ore.
Free from Gold & Silver
#3

W. M. Shortlidge
Silver Plated Knifes
1 — 1170 Mg 18.05 grs
2 1500 " 23.14 " "

not key.

---

7 Slafford
Sample of Tin Ore
#3 49.3

Gold Lace from Quartermaster U.S.A.

1	½ yd -	37.7 grains	1 yd	75.4
2	"	42.8 "	"	85.6
3		37.4		74.8
4		42.2		84.4

Fine No. 1 - 18.8 1/2 19.2 3 19 4 19.

No. 1	1.81 Grs. G.	67.55	S	900	896
2	1.64 " "	76.86		899	898
3	1.45 " "	67.17		~~896~~	898
4	1.60	75.70		899	897
5	1.81 " G	79.82			901
6	1.69 " G	77.76			
Clemens	1.80 -				

---

10 John Clemens

Jane Lew W. Va.

Ore - Free from Gold & Silver

$3. -

10 C. A. Armstrong
N. Carolina
Ore Samples
1 trace of Gold
2 $\frac{9}{10}$ Oz G. per ton
$6.—

---

11 H. Mahr's Sons
B 219
G 709½ S 112
$1

Jay 15 Towle Mfg Co.
Newburyport Mass
4 Silver Samples
306 930½
603 932
329 930
360 a 930
$4

Mennet & Bell

The Chloride Mine

Pueblo Dist Socorro Co
New Mex

69 Oz Silver
Gold a trace

#3 P

Ore From Maryland.

Free from Gold & Silver

~~Solby~~.

#3 ~~per~~ oth book
S. Ritch

Jan 17 Sample of Sweep. from
A. W. Speer & Son, N. York

480 31
493 39
495 31

1 lb. avoird of Sweep contains

2.10 Grains of Gold (fine
32.20 " Silver "

#1

July 18 22

H. Muhrs Sons

Watch Case

~~504~~ Fine

102.45 Grams

#1

---

21 Simons Bros & Co.

Gold Slip

Fine 4H1

#1

---

22 H. Muhrs Sons

B- 220

G- 641½ S 108

#1

July 20 – Assay of Four Samples of Pulp. for L. Rice & Co.

Class 1 – Contains 137/100 Ozs plus
2 847 " "
Worthless 3 416 " "
Many 4 234 " "

July 27 – H. Muir's Sons. –

A – 128 G. 777 S 183

#1

---

28 H. Muir's Sons
B 221
G 729 S 111

#1

Valet Case
Fine 405 –
17.8 Gra

#1

July 29 W. P. Hilleary Warrenton Va

Sample of Ore

A trace of Gold

$3

---

30 H. Mulvis Sons

B 222 G 591 S 109

$1

---

30 J. P. Malick

Samples of Ore

No. 1 trace

2

$6

John P. Logan

Sample of Ore Montgy Co. N.C.

$3 A trace

Aug 3 H. Mahrs Sons
A - 129G778 S 171
$1

Aug 4 H. Mahrs Sons
B 223 G 823 S 107
$1

Aug 5 John Clemons
Jun Lew W. Va ..
One samples. —
Free from Gold & Silver
$3

Aug. 6. F. G. Salor
Gold W. Case
$1 559½

Aug H. Mahrs Sons
B. 224
G S
$1

Aug. 7th H. Mukri for

A-130 700½ S 195

$1

Aug. 7- John H. Parker
Cleveland Penn

Sample of Ore
$3 Free

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10 H. Mukri
B 225
G 757 S 143

$1